Avocent Data Sheet

LCD Console Trays

Single Access Point for Your Data Center Rack

The LCD Console Tray family offers a variety of features that simplify and provide ease of access to servers, making software upgrades, troubleshooting and system monitoring convenient and less time consuming. The family consists of two product groups:

1. LCD Console Tray-only models

The Avocent 1U-high LCD Console Tray-only models provide convenient, direct at-the-rack access to KVM switches in enterprise data centers and SMB server rooms.

Features:

- Either 17- or 19-inch LCDs at 1280x1024 resolution at 60Hz
- USB pass-through allows at-the-rack access to USB media and other USB devices; connect directly to a server or an Avocent virtual media KVM switch (purchased separately) to enable the USB pass-through (select models only)
- Dual-rail options available on select 17-inch models

2. LCD Console Tray with integrated KVM models (8-port and 16-port)

The Avocent 1U-high LCD console-integrated KVM models provide convenient, at-the-rack access in enterprise data centers and SMB server rooms via KVM switches.

Features:

- The LCD Console Tray with integrated KVM models are two powerful appliances combined into a single U, freeing rack space for other appliances or servers
- 17-inch LCD at 1280x1024 resolution at 60Hz
- USB pass-through allows at-the-rack access to USB media and other USB devices; connect directly to a server or an Avocent virtual media KVM switch (purchased separately) to enable the USB pass-through (select models only)
- Current ECS17KMM8/16 models include Avocent AutoView® 3008/30016 8- or 16-port digital KVM switches providing access for one remote and one local user; these KVMs also feature an Onboard Web Interface (OBWI) for remote and secure management of servers and serial-based devices
- Current AP17KMM8/16 models include 8- or 16-port analog KVM switches

When you need direct access that you can depend on, the Avocent LCD Console Tray is a proven solution.

LCD Console Family Benefits

ALL MODELS:

- Form Factor: The Avocent LCD Console Trays are easy to access and their 1U slide-in design does not compete for valuable rack space
- KVM Compatibility: For LCD console-only models, the design is compatible with most Avocent 1U KVM switches to support new and legacy installations
- Support: Various console models support Sun™ functions, Windows® and Linux®
- OSD: On-Screen Display in multiple languages
- Mouse Option: Models supporting touch pad or trackball are available
- At-the-Rack Access: Provides convenient access and control to PCs and servers

ECS MODELS:

- USB Access: USB pass-through feature provides direct access to USB media and other USB devices (select models only)

KVM MODELS:

- Integrated KVM Switch: 8- or 16-port, local and/or remote access to servers (select models only)

LCD MODEL:

- Dual-Rail Model: Slides out independently of the keyboard; display viewable even when the rack door is closed

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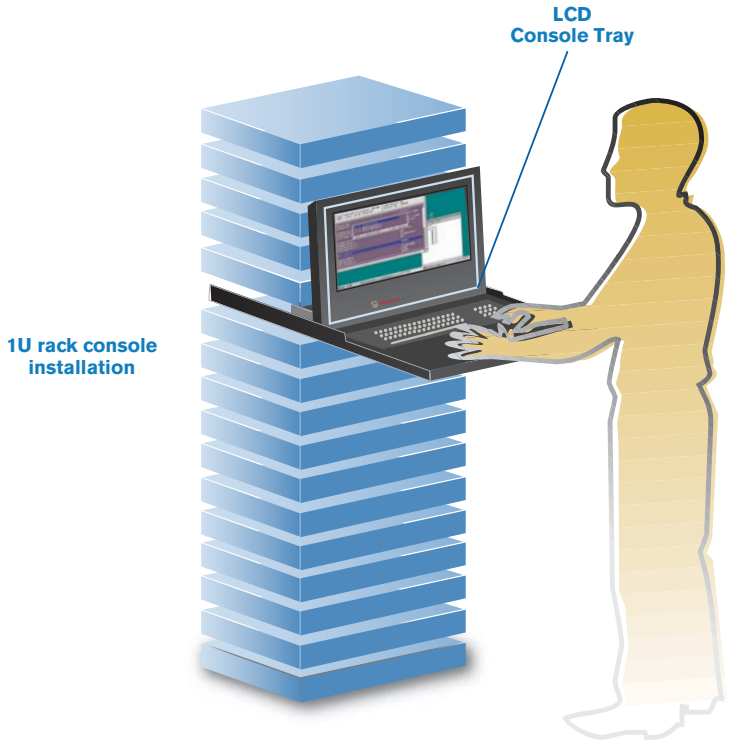
LCD Console Tray-Only Specifications

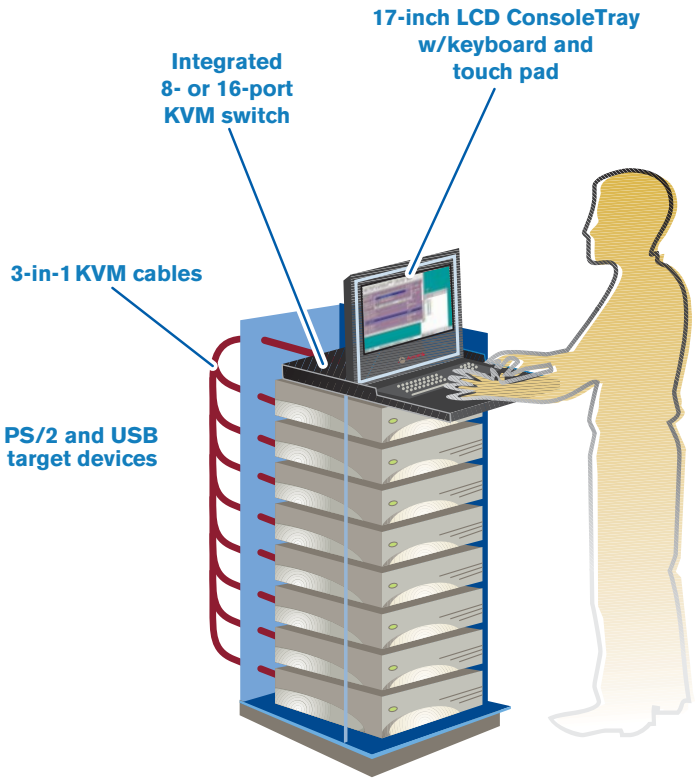
MECHANICAL	ECS19PWRUSB-XXX ECS19UWRUSB-XXX	ECS17KMM-XXX ECS17KMMP-XXX	AP17KMM-XXX AP17KMMP-XXX
Height	1.72 in. (4.4 cm)	1.72 in. (4.4 cm)	1.69 in. (4.3 cm)
Width	17.38 in. (44.1 cm)	17.38 in. (44.1 cm)	17.64 in. (44.8 cm)
Depth	22 in. (55.9 cm)	21.3 in. (54.1 cm)	21.5 in. (54.5 cm)
Weight	35 lbs. (15.88 kg)	27 lbs. (13.2kg)	26.5 lbs. (12 kg)
Mounting Depth		28 in. <-> 41 in. / 71.1cm <-> 104.1cm	
ENVIRONMENTAL			
Operating Temperature	32° to 122° F (0° to 50° C)	32° to 120°F (0° to 50°C)	32° to 122° F (0° to 50° C)
Storage Temperature	-4° to 140° F (-20° to 60° C)	-4° to 140°F (-20° to 60°C)	-4° to 140° F (-20° to 60° C)
POWER			
Operating Voltage	AC 100 – 240V	AC 100 – 240V	AC 100 – 240V
Input Power	Consumption 24-40W	Consumption 20≤24W	≤ 40W
DEVICE SUPPORT			
Keyboard and Mouse Connector	PS/2 or USB	PS/2 or USB	PS/2 or USB
Video Connector	VGA	VGA	VGA
HARDWARE SPECIFICATIONS			
LCD Resolution	1280x1024	1280x1024	1280x1024
LCD Color	16.7 M true colors	16.7 M true colors	16.7 M true colors
LCD Viewing Angle	80° horiz/vertical/left/right		1280x1024
LCD Contrast Ratio	1000:1		16.7 M true colors
LCD Brightness	TYP. 250cd/m2		1280x1024
STANDARDS			
Approved Agencies	RoHs, UL, Ulc, CB, CE, FCC/EMI, GOST, VCCI, CTICK, GS-Innova	RoHs, China RoHs, UL, Ulc, CE, FCC-EMI, BSMI, KCC, GOST, CCC, VCCI, CTICK, China Energy Efficiency, WEEE	RoHs, China RoHs, UL, Ulc, CB, CE, FCC/EMC, BSMI, CCC, VCCI



The LCD Console Tray can be connected directly to your PC/server or to a group of PCs/servers via an Avocent KVM switch.

LCD Console Tray with Integrated KVM Switch Specifications

MECHANICAL	ECS17KMM8 OR 16	AP17KMM 8 OR 16
Height	1.72 in. (4.4 cm)	1.69 in. (4.3 cm)
Width	17.5 in. (44.5 cm)	17.64 in. (44.8 cm)
Depth	25.63 in. (65.1 cm)	21.5 in. (54.5 cm)
Weight	32.0 lbs. (14.5 kg) 8-port 33.1 lbs. (15.0 kg) 16-port	32.0 lbs. (14.5 kg) 8-port 33.1 lbs. (15.0 kg) 16-port
Mounting Depth	28 in. <-> 41 in. / 71.1cm <-> 104.1cm	580-850mm
ENVIRONMENTAL		
Operating Temperature	32° to 104°F (0° to 40°C)	32° to 122°F (0° to 50°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)	-4° to 140°F (-20° to 60°C)
POWER		
Operating Voltage	AC 100 – 240V	AC 100 – 240V
Input Power	Consumption 20≤24W	≤ 40W
DEVICE SUPPORT		
Keyboard and Mouse Connector	PS/2 and USB	PS/2 and USB
Video Connector	VGA	VGA
HARDWARE SPECIFICATIONS		
LCD Resolution	1280x1024	1280x1024
LCD Color	16.7 M true colors	16.7 M true colors
LCD Viewing Angle	80° horiz/vertical/left/right	
LCD Contrast Ratio	1000:1	
LCD Brightness	TYP. 250cd/m2	
KVM Type	IP-based with remote access	Analog-based with local access
KVM Ports	8 or 16	8 or 16
KVM Resolution	1600x1200	1920x1440
KVM Max Connections	128 (8-port) 256 (16-port)	128
KVM Input Power	Consumption 15W	n/a
STANDARDS		
Approved Agencies	**LCD:** RoHs, China RoHs, UL, Ulc, CE, FCC-EMI, BSMI, KCC, GOST, CCC, VCCI, CTICK, China Energy Efficiency, WEEE **KVM:** UL, ULc, CE, FCC, GOST, VCCI, CTick, MIC, ICES-003	RoHs, China RoHs, UL, Ulc, CB, CE, FCC/EMC, BSMI, CCC, VCCI


17-inch LCD ConsoleTray w/keyboard and touch pad
Integrated 8- or 16-port KVM switch
3-in-1 KVM cables
PS/2 and USB target devices

At-the-rack access using the Avocent LCD Console Tray with integrated Avocent KVM switch.

ORDERING DETAILS

AMERICAS AND EMEA

PART NUMBER	DESCRIPTION
LCD17-XXX	17-inch, dual-rail LCD Console Tray monitor with integrated keyboard, touch pad
ECS19PWRUSB-XXX	19-inch, single-rail LCD Console Tray monitor with integrated PS/2 keyboard, trackball and USB pass-through
ECS19UWRUSB-XXX	19-inch, single-rail LCD Console Tray monitor with integrated USB keyboard, trackball and USB pass-through
ECS17KMM-XXX	1U 17-inch LCD Console Tray, USB keyboard, trackball and USB pass-through
ECS17KMMP-XXX	1U 17-inch LCD Console Tray, PS/2 keyboard, trackball and USB pass-through
ECS17KMM8-XXX	1U 17-inch LCD Console Tray with integrated digital 8-port KVM switch, USB keyboard, trackball and USB pass-through
ECS17KMM8P-XXX	1U 17-inch LCD Console Tray with integrated digital 8-port KVM switch, PS/2 keyboard, touch pad and USB pass-through
ECS17KMM16-XXX	1U 17-inch LCD Console Tray with integrated digital 16-port KVM switch, USB keyboard, touch pad and USB pass-through
ECS17KMM16P-XXX	1U 17-inch LCD Console Tray with integrated digital 16-port KVM switch, PS/2 keyboard, trackball and USB pass-through
CABLES FOR ECS17KMM (AMERICAS & EMEA)	
PS2IAC-7	7-foot PS/2 CAT-5 integrated access cable
PS2IAC-10	10-foot PS/2 CAT-5 integrated access cable
PS2IAC-15	15-foot PS/2 CAT-5 integrated access cable
USBIAC-7	7-foot USB CAT-5 integrated access cable
USBIAC-10	10-foot USB CAT-5 integrated access cable
AVRIQ-PS2	Server interface module for VGA, PS/2 keyboard, mouse
AVRIQ-PS2L	Server interface module for VGA PS/2 keyboard, PS/2 mouse (extended version)
AVRIQ-USB	Server interface module for VGA, USB keyboard, mouse
AVRIQ-VSN	Server interface module for VGA or 13W3, Sun keyboard, mouse
AVRIQ-SRL	Server interface module for VT100 serial devices for extended distance (requires UPD-AM)
UPD-AM	Power supply, power cord and 4 output cables to support up to 4 AVRIQ-SRL modules

APAC

PART NUMBER	DESCRIPTION
LCD17-XXX	17-inch, dual-rail LCD Console Tray monitor with integrated keyboard, touch pad
AP17KMM-XXX	17-inch LCD Console Tray, includes keyboard
AP17KMM8-XXX	17-inch LCD Console Tray with analog 8-port KVM, includes keyboard
AP17KMM16-XXX	17-inch LCD Console Tray with analog 16-port KVM, includes keyboard
CABLES FOR ECS17KMM (APAC)	
APCAB-PS/2	1.8 M PS/2 cable
APCAB3-PS/2	3.0 M PS/2 cable
APCAB-USB	1.8 M USB cable
APCAB3-USB	3.0 M USB cable

For country-specific availability, please contact an Avocent sales representative.

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